Amended Abstract

ABSTRACT OF THE DISCLOSURE

~~The present invention relates to a~~ A generator of energy as a dynamo-electric machine with employment of ~~the~~ parallel and superposed forces, of ~~"artificial~~ electromagnetic reaction" ~~–~~between the primary ~~(2)~~ and secondary ~~(3)~~ and of ~~"natural~~ ferromagnetic reaction" between the secondary and the primary. The primary ~~comprises~~has one or more pairs ~~(C_1, C_2)~~ of polar expansions ~~(E_1, E_2; E_3, E_4)~~, mechanically separated and electrically offset in phase from each other by a polar step ~~(p)~~ and each provided with a ferromagnetic core ~~(A_1, A_2; A_3, A_4)~~ and with at least ~~an~~one electromagnetic coil ~~(B_1, B_1', B_2, B_2', B_3, B_3', B_4, B_4')~~, the secondary ~~(3) comprises~~has a succession of alternate permanent magnets ~~(3_1, 3_2,..., 3_{10}),~~ and a related control system ~~(5)~~. Each polar step ~~(p)~~ spans half a permanent magnet of said alternate permanent magnets ~~(3_1, 3_2,... 3_{10})~~, equal to a quarter of a complete cycle ~~(p_1 or p_2)~~, the magnetic forces being balanced due to the characteristic paired disposition of the polar expansions active separately during the conductor steps ~~(p_1)~~ and its ferromagnetic cores active separately during the neutral steps in "natural" attraction ~~(p_2)~~ with the permanent magnets.